

#1/A
C. James
10-12-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: FRANK LOGAN, ET AL)
Serial No.: Continuation of 09/024,773)
Filed: Herewith)
For: WINDOWS-BASED FLOW-CHARTING)
GENERATION SYSTEM)

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

As a preliminary amendment in the above-referenced continuation application filed concurrently herewith, please cancel claims 1-16 and add claims 17-39 as specified below.

IN THE CLAIMS

Please add the following new claims.

- AI
17. (New). A machine programming and control system, comprising:
a machine;
a computer based controller coupled to said machine and being adapted to edit, debug, and generate a continuous multi-block flowchart representing a program and to control the operations of the machine in accordance with said flowchart; and
a display connected to said computer based controller and being adapted to aid in editing and generating the flowchart, the display being adapted to a plurality of blocks associated with the flowchart, wherein a first set of the block is displayed in a first color and at least one other block is displayed in a second color.
18. (New). The system, as set forth in claim 17, wherein the at least one other block corresponds to an active block during a runtime execution.
19. (New). The system, as set forth in claim 18, wherein the at least one other block includes blocks associated with the active block.
20. (New). The system, as set forth in claim 17, wherein the at least one other block corresponds to an active block during a debugging process.
21. (New). The system, as set forth in claim 20, wherein the at least one other block includes blocks associated with the active block.
22. (New). The system, as set forth in claim 17, wherein the at least one other block corresponds to blocks that have been modified during an editing process.